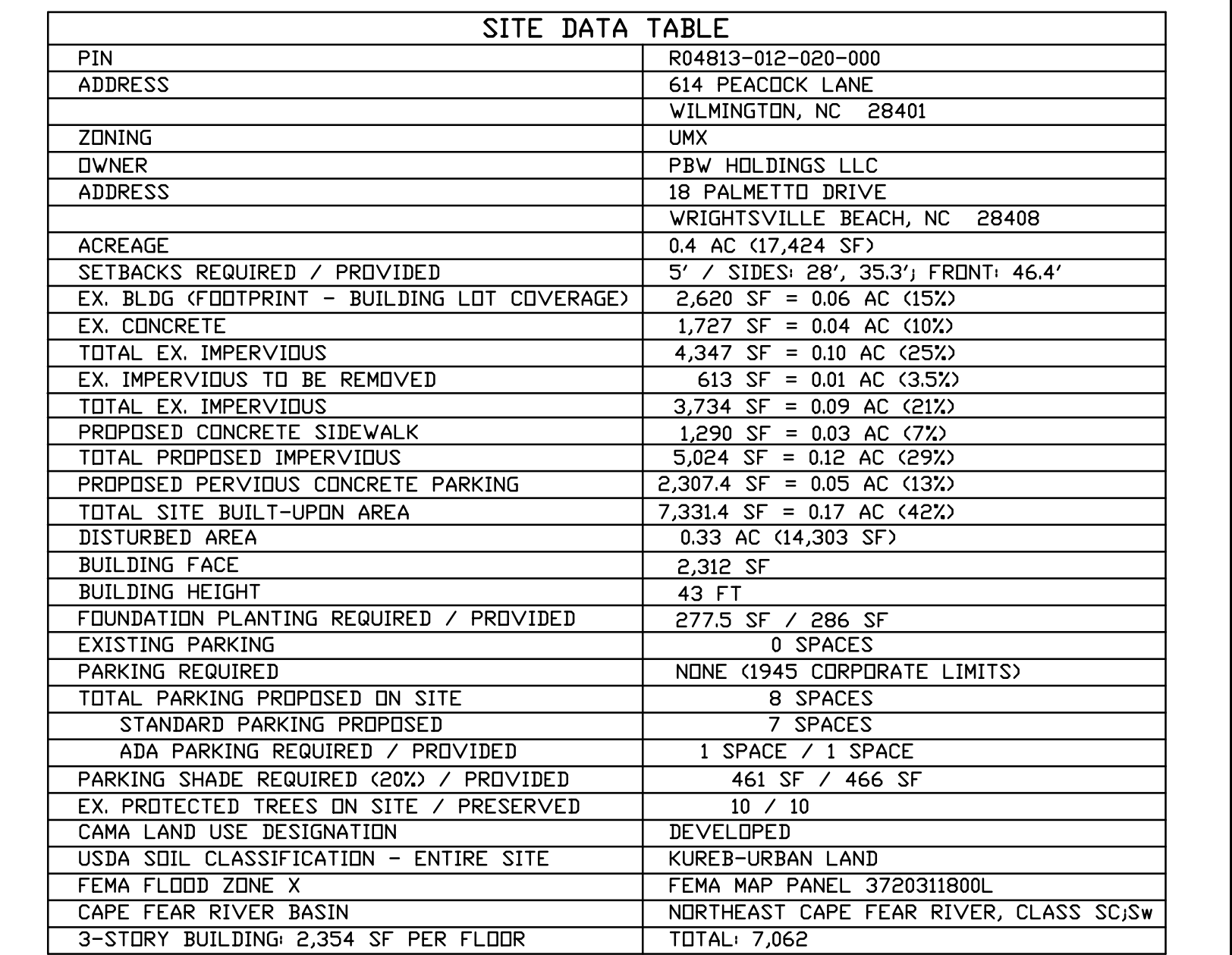



- | SITE DATA TABLE | |
|--|---|
| PIN | R04813-012-020-000 |
| ADDRESS | 614 PEACOCK LANE WILMINGTON, NC 28401 |
| ZONING | UMX |
| OWNER | PBW HOLDINGS LLC |
| ADDRESS | 18 PALMETTO DRIVE WRIGHTSVILLE BEACH, NC 28408 |
| ACREAGE | 0.4 AC (17,424 SF) |
| SETBACKS REQUIRED / PROVIDED | 5' / SIDES: 28', 35.3'; FRONT: 46.4' |
| EX. BLDG (FOOTPRINT - BUILDING LOT COVERAGE) | 2,620 SF = 0.06 AC (15%) |
| EX. CONCRETE | 1,727 SF = 0.04 AC (10%) |
| TOTAL EX. IMPERVIOUS | 4,347 SF = 0.10 AC (25%) |
| EX. IMPERVIOUS TO BE REMOVED | 613 SF = 0.01 AC (3.5%) |
| TOTAL EX. IMPERVIOUS | 3,734 SF = 0.09 AC (21%) |
| PROPOSED CONCRETE SIDEWALK | 1,290 SF = 0.03 AC (7%) |
| TOTAL PROPOSED IMPERVIOUS | 5,024 SF = 0.12 AC (29%) |
| PROPOSED PERVIOUS CONCRETE PARKING | 2,307.4 SF = 0.05 AC (13%) |
| TOTAL SITE BUILT-UPON AREA | 7,331.4 SF = 0.17 AC (42%) |
| DISTURBED AREA | 0.31 AC (13,459 SF) |
| BUILDING FACE | 2,312 SF |
| BUILDING HEIGHT | 43 FT |
| FOUNDATION PLANTING REQUIRED / PROVIDED | 277.5 SF / 286 SF |
| EXISTING PARKING | 0 SPACES |
| PARKING REQUIRED | NONE (1945 CORPORATE LIMITS) |
| TOTAL PARKING PROPOSED ON SITE | 8 SPACES |
| STANDARD PARKING PROPOSED | 7 SPACES |
| ADA PARKING REQUIRED / PROVIDED | 1 SPACE / 1 SPACE |
| PARKING SHADE REQUIRED (20%) / PROVIDED | 461 SF / 466 SF |
| EX. PROTECTED TREES ON SITE / PRESERVED | 10 / 10 |
| CAMA LAND USE DESIGNATION | DEVELOPED |
| USDA SOIL CLASSIFICATION - ENTIRE SITE | KUREB-URBAN LAND |
| FEMA FLOOD ZONE X | FEMA MAP PANEL 3720311800L |
| CAPE FEAR RIVER BASIN | NORTHEAST CAPE FEAR RIVER, CLASS SC/Sw |
| 3-STORY BUILDING: 2,354 SF PER FLOOR | TOTAL: 7,062 |

1. THE USE AND DEVELOPMENT OF THE SUBJECT PROPERTY SHALL COMPLY WITH ALL REGULATIONS AND REQUIREMENTS IMPOSED BY THE LAND DEVELOPMENT CODE, THE CITY OF WILMINTON TECHNICAL STANDARDS AND SPECIFICATIONS MANUAL AND ANY OTHER APPLICABLE FEDERAL, STATE OR LOCAL LAW, ORDINANCE OR REGULATION, AS WELL AS ANY CONDITION STATED BELOW. IN THE EVENT OF A CONFLICT, THE MORE STRINGENT REQUIREMENT OR HIGHER STANDARD SHALL APPLY.
2. APPROVAL OF THIS CONDITIONAL DISTRICT REZONING DOES NOT CONSTITUTE TECHNICAL APPROVAL OF THE SITE PLAN, FINAL APPROVAL SHALL BE THE TECHNICAL REVIEW COMMITTEE AND THE ISSUANCE OF ALL REQUIRED PERMITS MUST OCCUR PRIOR TO RELEASE OF THE PROJECT FOR CONSTRUCTION.
3. IF, FOR ANY REASON, ANY CONDITION FOR APPROVAL IS FOUND TO BE ILLEGAL OR INVALID OR IF THE APPLICANT SHOULD FAIL TO ACCEPT ANY CONDITION FOLLOWING APPROVAL, THE APPROVAL OF THE SITE PLAN FOR THE DISTRICT SHALL BE NULL AND VOID AND OF NO EFFECT AND PROCEEDING SHALL BE INSTITUTED TO REZONE THE PROPERTY TO ITS PREVIOUS ZONING CLASSIFICATION.
4. THE USE AND DEVELOPMENT OF THE SUBJECT PROPERTY SHALL BE IN ACCORDANCE WITH THE SITE PLAN AND ELEVATIONS DATED MARCH 19, 2019.
5. THE PROPOSED USES SHALL BE LIMITED TO A MAXIMUM, OF SIX RESIDENTIAL DWELLING UNITS.
6. STRICT ADHERENCE TO THE DESIGN STANDARDS WILL BE CONFIRMED AS PART OF THE TECHNICAL REVIEW.
7. EXTERIOR LIGHTING STRUCTURE SHALL BE PRESERVED.
8. EXTERIOR LIGHTING SHALL BE INSTALLED SO AS NOT TO SHINE DIRECTLY ONTO ADJACENT RESIDENTIAL PARCELS.
9. ANY FREESTANDING SIGN(S) ON THE SITE SHALL BE MONUMENT STYLE WITH LANDSCAPING AROUND THE BASE OF THE SIGN; NO POLE SIGNS SHALL BE PERMITTED.
10. ALL CITY, STATE AND FEDERAL REGULATIONS SHALL BE MET.

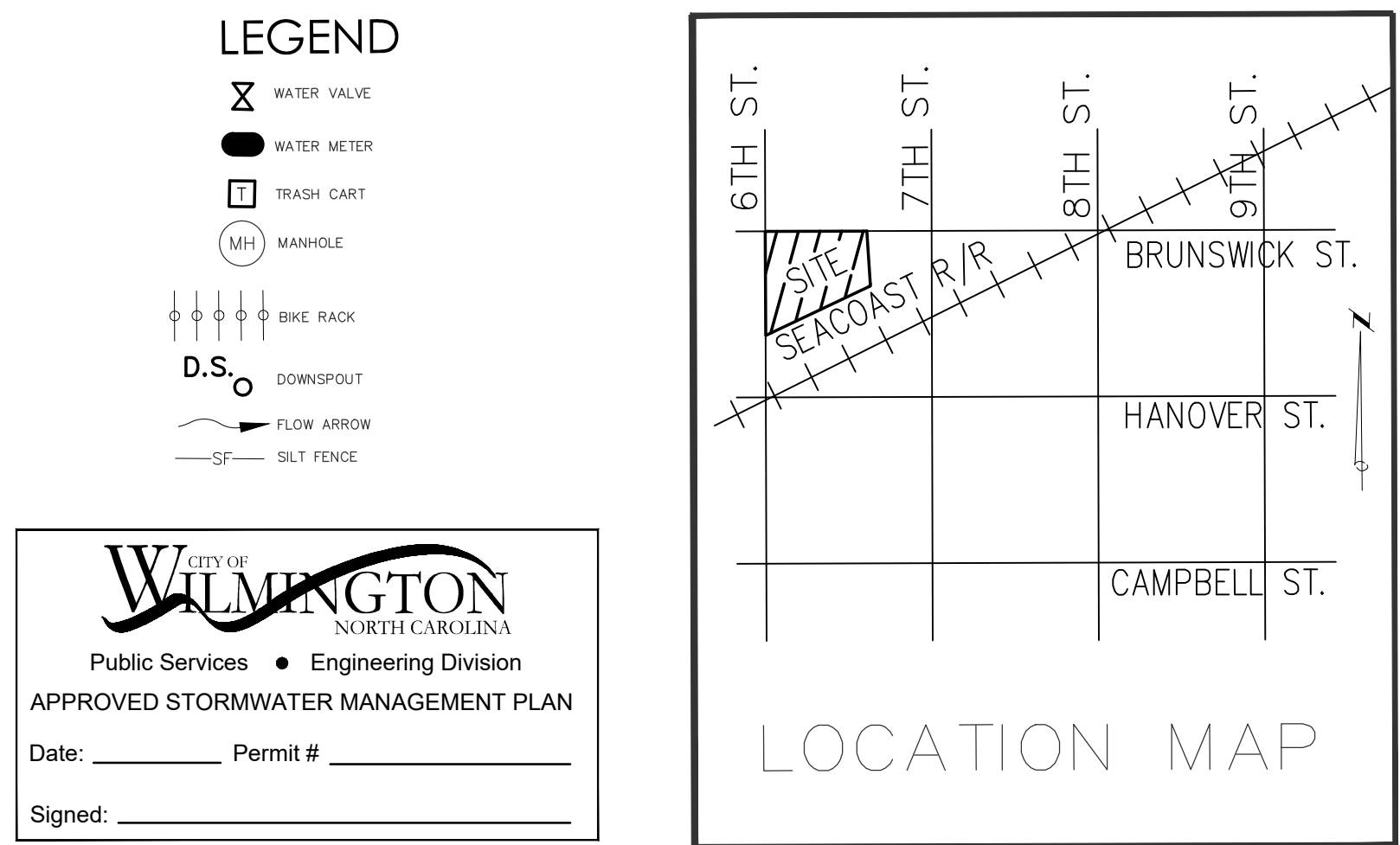
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|------------------------------------|-------------|-----------------------|
| PBW HOLINGS LLC - 614 PEACOCK LANE | | DATE: 11/13/19 |
| INDIE ICE HOUSE LOFTS | | Scale: 1"=20' |
| WILMINGTON | NEW HANOVER | Drawn: NNC |
| | | Checked: WSL |
| | | Project No: UB0119 |
| | | Sheet No: C1 |



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1. SEWER GUARDS REQUIRED AT ALL MANHOLES. STAINLESS STEEL SEWER GUARDS REQUIRED AT MANHOLES LOCATED IN TRAFFIC AREAS.
2. WATER AND SEWER SERVICE LINES SHALL BE PERPENDICULAR TO MAIN AND TERMINATE AT RIGHT-OF-WAY LINE. SEWER SERVICES IN CUL-DE-SACS ARE REQUIRED TO BE PERPENDICULAR, OR MUST ORIGINATE IN END OF LINE MANHOLE AND TERMINATE AT RIGHT-OF-WAY LINE.
3. ALL SERVICES UNDER DUCTILE IRON MAINS SHALL BE CONSTRUCTED OF CLASS 50 DIP, WITH PROTECTO 401 CERAMIC EPOXY LINING.
4. MINIMUM 10' UTILITIES EASEMENT PROVIDED ALONG THE FRONTAGE OF ALL LOTS AND AS SHOWN FOR NEW DEVELOPMENTS.
5. NO FLEXIBLE COUPLINGS SHALL BE USED.
6. ALL STAINLESS STEEL FASTENERS SHALL BE 316.
7. CLEANOUTS SHALL BE LOCATED A MINIMUM OF 12 FEET FROM ALL PROPERTY CORNERS. WATER METER BOXES ARE TO BE A MINIMUM OF 5 FEET FROM THE PROPERTY CORNER.
8. ALL WORK SHALL CONFORM WITH ALL CPWA SPECIFICATIONS AND STANDARD DETAILS.
9. ALL WORKING UNDER CPWA TO ISOLATE THE WORK AREA AND PERFORM CLEANING, FLUSHING AND CHLORINATION.

NOTES:

1. THERE ARE NO WETLANDS ON THIS SITE.
2. ALL EXISTING TREES WILL BE PRESERVED.
3. ALL UTILITIES WILL BE UNDERGROUND.
4. SITE IS WITHIN THE 1945 CITY LIMITS.
5. ALL SETBACKS ARE 5'.
6. ROLL OUT TRASH CONTAINERS LOCATED BEHIND WOODEN SCREEN FENCE.
7. HVAC EQUIPMENT LOCATED ON ROOF.
8. DOWNSPOUT TO DRAIN INTO PERVIOUS PARKING STONE BASE.
9. TREE PROTECTION FENCING TO BE INSTALLED PRIOR TO ANY WORK ON THE SITE.
10. NO TOXIC WASTES, MATERIALS OR VEHICLES ARE PERMITTED WITHIN TREE PROTECTION ZONE.
11. ACCESS TO SITE IS PROVIDED BY PEACOCK LANE WHICH IS A ONE-WAY ACCESS EASEMENT WHICH WAS APPROVED DURING SITE PLAN SUBMITTAL OF 600 BRUNNEN IN 2008. THE ROADWAY WAS APPROVED AND BUILT AS TWO 6' WIDE CONCRETE RUNNERS WITH AN INFILTRATION TRENCH FOR STORM WATER CONTROL. SIGNAGE BE REPLACED TO DIRECT TRAFFIC IN THE ONE-WAY ROUTE FROM 7TH TO 6TH ST.

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| USDA SOIL CLASSIFICATION - ENTIRE SITE | KUREB-URBAN LAND |
| FEMA FLOOD ZONE X | FEMA MAP PANEL 3720311800L |
| CAPE FEAR RIVER BASIN | NORTHEAST CAPE FEAR RIVER, CLACS SC5w |
| 3-STORY BUILDING: 2,354 SF PER FLOOR | TOTAL: 7,062 |

1. THE CONSTRUCTION SITE IS IN FEMA FLOOD ZONE X.
2. THERE ARE NO WETLANDS ON THE SITE.
3. PRIOR TO ANY CLEARING, GRADING OR CONSTRUCTION ACTIVITY, TREE PROTECTION FENCING SHALL BE INSTALLED AND MAINTAINED THROUGHOUT THE DURATION OF THE PROJECT.
4. ALL TREES AND/OR AREAS DESIGNATED TO BE PROTECTED MUST BE PROPERLY BARRICADED WITH CONC AND MAINTAINED THROUGHOUT CONSTRUCTION TO INSURE THAT NO CLIPPING, GRADING OR STAGING OF MATERIALS WILL OCCUR IN THOSE AREAS.
5. NO EQUIPMENT IS ALLOWED ON SITE UNTIL ALL TREE PROTECTION FENCING AND SILT FENCING IS PROPERLY APPROVED, PROTECTIVE FENCING IS MAINTAINED THROUGHOUT THE DURATION OF THE PROJECT, AND CONTRACTORS SHALL RECEIVE ADEQUATE INSTRUCTION ON TREE PROTECTION METHODS.
6. TREE CONTROL DEVICES (INCLUDING SIGNS AND PAVEMENT MARKINGS) IN AREAS OPEN TO PUBLIC TRAFFIC ARE TO MEET MUTCD (MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES), CITY AND/OR NCDOT STANDARDS. MARKINGS SHALL BE THERMOPLASTIC.
7. TRAFFIC APPROVE OF PAVEMENT MARKINGS AND STRIPING.
8. IF THE CONTRACTOR DESIRES WATER FOR CONSTRUCTION, HE SHALL APPLY IN ADVANCE FOR THIS SERVICE FROM CAPE FEAR PUBLIC UTILITY AUTHORITY (CPFA) AND MUST PROVIDE A REQUIRED PRESSURE RELEASE VALVE TO BE MAINTAINED ON THE DEVELOPER'S SIDE OF THE METER BOX. ANY BACKFLOW PREVENTION DEVICES REQUIRED WILL NEED TO BE ON THE LIST OF DEVICES APPROVED BY CPFA.
9. IF AN IRRIGATION SYSTEM SUPPLY BY CPFWA WATER SHALL COMPLY WITH THE CPFWA CROSS CONNECTION CONTROL REGULATIONS.
10. CONTACT NORTH CAROLINA ONE CALL CENTER AT 1-800-632-4949 PRIOR TO DOING ANY DIGGING, CLEARING OR GRADING.
11. THE BELLSOUTH CONTACT IS STEVE DAYVAULT. HE IS THE BUILDING INDUSTRY CONSULTANT FOR THE PROJECT. RELEASE OF BELL SOUTH FROM THE PROJECT IN ORDER TO FACILITATE GPRS COMMUNICATION AND MAXIMUM FLEXIBILITY.
12. ALL PLANTED AND RETAINED LIVING MATERIAL, REQUIRED TO MEET THE PROVISIONS OF THE CITY OF WILMINGTON LAND DEVELOPMENT CODE, SHALL BE PERPETUALLY PROTECTED AND MAINTAINED TO PROFESSIONAL ACCEPTED STANDARDS BY JOINT AND SEVERAL AGREEMENT OF THE CONTRACTOR, TENANT AND RESPECTIVE AGENTS OF THE PROPERTY ON WHICH THE MATERIAL IS LOCATED.
13. ANY PLANT MATERIAL, THAT WAS PREVIOUSLY INSTALLED ON THE SITE TO MEET THE PROVISIONS OF THE CITY OF WILMINGTON LAND DEVELOPMENT CODE, THAT HAS NOT BEEN MAINTAINED MUST BE REPLACED.
14. AS PART OF THE FINAL ZONING INSPECTION FOR THIS PROJECT, A SURVEY OF THE SITE MUST BE CONDUCTED. PLANT MATERIAL THAT HAS NOT BEEN MAINTAINED MUST BE REPLACED BEFORE A FINAL ZONING APPROVAL IS ISSUED.
15. ALL TREES TO BE MAINTAINED THROUGHOUT THE PARKING AREAS SHALL BE WHITE. ALL TRAFFIC CONTROL SIGNS AND MARKINGS OF THE RIGHT-OF-WAY ARE TO BE MAINTAINED BY THE PROPERTY OWNER IN ACCORDANCE WITH MUTCD STANDARDS.
16. RAIN/FREEZE SENSOR SHALL BE INSTALLED AS PART OF ANY IRRIGATION SYSTEM USED ON THE SITE.
17. CONTACT TRAFFIC ENGINEERING AT 910-341-7888 48 HOURS PRIOR TO ANY EXCAVATION IN THE RIGHT-OF-WAY TO ENSURE THAT ALL TRAFFIC SIGNAL FACILITIES AND EQUIPMENT ARE PROPERLY LOCATED.
18. IMMEDIATELY NOTIFY CITY OF WILMINGTON TRAFFIC ENGINEERING AT 910-341-7888 IF ANY TRAFFIC SIGNAL FACILITY OR EQUIPMENT IS DAMAGED, AT ANY TIME DURING THE PROJECT.
19. TRAFFIC SIGNAL FACILITY OR EQUIPMENT DAMAGED AT ANY TIME DURING THE PROJECT OF TRAFFIC SIGNAL INFRASTRUCTURE SHALL BE COORDINATED WITH CITY TRAFFIC ENGINEERING.
20. DAMAGED FACILITIES SHALL BE REPLACED BY AN APPROVED CONTRACTOR, ACCORDING TO STANDARD SCHEDULES OF QUANTITIES AND COSTS OF THE CITY OF WILMINGTON.
21. A UTILITY CUT PERMIT IS REQUIRED FOR EACH OPEN CUT OF A CITY STREET NOTE THIS ON THE PLAN AND CONTACT 341-5888 FOR MORE DETAILS. IN CERTAIN CASES AN ENTIRE RESURFACING OF THE AREA BEING OPEN CUT MAY BE REQUIRED.
22. BACKFLOW PREVENTION DEVICES REQUIRED BY THE CPFWA WILL NEED TO BE ON THE LIST OF APPROVED DEVICES BY USFCCQHR OR ASSE.
23. CONTRACTOR TO FIELD VERIFY EXISTING WATER AND SEWER SERVICE LOCATIONS, SIZES AND MATERIALS PRIOR TO CONSTRUCTION. ENGINEER TO BE NOTIFIED OF ANY CONFLICTS.
24. CONTRACTOR SHALL MAINTAIN ALL-WEATHER ACCESS FOR EMERGENCY VEHICLES AT ALL TIMES DURING CONSTRUCTION.
25. PARKING SPACES PROVIDED AS REQUIRED FOR THE MIXED USE ZONING.
26. ANY BROKEN OR MISSING SIDEWALK PANELS, DRIVEWAY PANELS AND CURBING WILL BE REPLACED.
27. TACTILE WARNING MATS WILL BE INSTALLED ON ALL WHEELCHAIR RAMPS.
28. PROJECT SHALL COMPLY WITH CPFWA CROSS CONNECTION CONTROL REQUIREMENTS. WATER METERS(S) CANNOT BE RELEASED UNTIL ALL REQUIREMENTS ARE MET AND THE STATE HAS GIVEN THEIR FINAL APPROVAL. CALL 910-343-3910 FOR CONSULTATION.
29. ALL NEW UTILITIES SHALL BE INSTALLED UNDERGROUND, EXCEPT WHERE SUCH PLACEMENT IS PROHIBITED OR DEEMED IMPRACTICAL BY THE UTILITY PROVIDER. UNDERGROUND TERMINAL FACILITIES FOR STREET LIGHTS SHALL BE INSTALLED AT PUBLIC STREETS ADJACENT THE SUBJECT SITE SHALL BE INSTALLED BY THE DEVELOPER.
30. WATER AND SEWER SERVICES WILL BE PERMITTED BY CPFWA.
31. UNDERGROUND FIRE LINE(S) MUST BE MAINTAINED THROUGHOUT THE PROJECT BY THE WILMINGTON FIRE DEPT. AND BE PUBLIC ACCESSIBLE TO THE BUILDING. CONTACT WILMINGTON FIRE DEPT. DIVISION OF FIRE AND LIFE SAFETY AT 910-341-0696.
32. NO OBSTRUCTIONS ARE PERMITTED IN THE SPACE BETWEEN THIRTY (30) INCHES AND TEN (10) FEET FROM THE EXISTING SIDEWALK OR DRIVEWAY. THE MINIMUM CLEARANCE SHALL BE THE FULLER OF THE EXISTING WATER AND SEWER BY CPFWA.
33. SOLID WASTE DISPOSAL WILL BE BY ROLL OUT CARTS FOR EACH UNIT.

| Approved Construction Plan | |
|----------------------------|------|
| Name | Date |
| Planning | |
| Traffic | |
| Fire | |

[illegible]

PBW HOLDINGS LLC - 614 PEACOCK LANE
INDIE ICE HOUSE LOFTS

WILMINGTON NEW HANOVER NORTH CAROLINA

UTILITY PLAN



RIGHT ANGLE
ENGINEERING P.C.

212 PRINCESS STREET
WILMINGTON, NC 28401 FIRM# C-0829
(910) 251-8544 FAX (910) 251-2208 FIRM: C-0829

DATE: 11/13/19

Scale:
 $1'' = 20'$

NNC

WCI

Project No:
UB0119

Sheet No:

C3

1. AFTER COMPLETE STABILIZATION OF THE ENTIRE COVERED AREA, TOP COVER SHOULD BE COMPLETED BY MAKING 1"-2" DEEP GROOVES PERPENDICULAR TO THE SLOPE.
2. SPREAD LIME (AGRICULTURAL LIMESTONE) EVENLY OVER THE AREA AT A RATE OF 1.5 TONS/ACRES; SPREAD 10-10-10 FERTILIZER AT THE RATE SPECIFIED AND INCORPORATE INTO THE TOP 6" OF SOIL.
3. LOOSEN SURFACE PRIOR TO APPLYING SEED/SOD.
4. BROADCAST/INSTALL SEED/SOD AT RECOMMENDED RATES.
5. RAKE SEED INTO THE SOIL AND LIGHTLY PACK SEED/SOD TO ESTABLISH GOOD CONTACT.
6. IF SEEDED, MULCH WITH 4000 LB/ACRE GRASS STRAW OR EQUIVALENT AND ANCHOR BY WEIGHTED FIRM DISC SEED NEARLY STRAIGHT (OR ANCHOR MULCH ANCHOR BY WEIGHTED FIRM DISC).
7. MOW AS NEEDED AND FERTILIZE IN LATE WINTER OR EARLY SPRING BY TOPDRESSING WITH 10-10-10 FERTILIZER.
8. SOIL STABILIZATION SHALL BE ACHIEVED ON ANY AREA OF A SITE WHERE LAND DISTURBANCE ACTIVITY IS TEMPORARILY OR PERMANENTLY CEASED ACCORDING TO THE FOLLOWING SCHEDULE: 1) ALL PERIMETER DIKES, SWALES, DITCHES, PERIMETER SLOPES AND ALL SLOPES STEEPER THAN 3:1 SHALL BE PROVIDED TEMPORARY OR PERMANENT STABILIZATION WITHIN 14 CALENDAR DAYS AFTER THE ACTIVITY IS STOPPED BUT IN ANY EVENT WITHIN 7 CALENDAR DAYS FROM THE LAST LAND-DISTURBING ACTIVITY. 2) ALL OTHER DISTURBED AREAS SHALL BE PROVIDED TEMPORARY OR PERMANENT STABILIZATION WITHIN 14 CALENDAR DAYS FROM THE LAST LAND-DISTURBING ACTIVITY.

1. ALL EROSION AND SEDIMENT CONTROL MEASURES WILL BE CHECKED FOR STABILITY AND OPERATION FOLLOWING EVERY RUNOFF-PRODUCING RAINFALL. BUT IN NO CASE WILL THE SYSTEMS BE INSPECTED WITHIN 24 HOURS OF EVERY HALF-INCH RAINFALL.
2. ALL POINTS OF EGRESS WILL HAVE CONSTRUCTION ENTRANCES THAT ARE PROTECTED PERIODICALLY WITH A 6" DRAINAGE SLOPE WEEK AND OF #4 STONE TO MAINTAIN PROPER DEPTH. THEY WILL BE MAINTAINED IN A CONDITION TO PREVENT MUD OR SEDIMENT FROM LEAVING THE PROJECT. IMMEDIATELY AFTER RAINFALL, THE ENTRANCES WILL BE WASHED OR TRACKED ONTO THE CONSTRUCTION ENTRANCE OR ROADWAYS. SEDIMENT WILL BE REMOVED FROM HARDWARE CLOTH AND GRAVEL FILTERS. PROTECTION OF THE CONSTRUCTION ENTRANCES WITH DOWNDRAFT INLET PROTECTION AND ROOK PIPE INLET PROTECTION WHEN THE DESIGNED STORAGE CAPACITY HAS BEEN HALF FILLED WITH SEDIMENT. ROOK WILL BE CLEANED OR REPLACED WHEN THE SEDIMENT DEPTH IS LONGER THAN THE DEPTH OF THE ROOK. SEDIMENT FROM ABOVE BEAVER DAMS, DANDY SACKS AND SOCKS ONCE A WEEK AND AFTER EVERY RAIN EVENT.
3. SEDIMENT WILL BE REMOVED FROM BEHIND THE SEDIMENT FENCE WHEN IT BECOMES HALF FILLED. THE SEDIMENT FENCE WILL BE REPAIRED AS NECESSARY TO MAINTAIN A BARRIER. STAKES MUST BE STEEL, STAKE SPACING WILL BE 5 FEET, AND THE FENCE WILL BE REPAIRED WITH FABRIC AND WIRE BAKING ARE USED. IF ROOK FILTERS ARE DESIGNED AT LARGE POINTS IN THE SEDIMENT FENCE, THE ROOK WILL BE REPLACED OR REPLACED IF IT BECOMES HALF FULL OF SEDIMENT, NO LONGER DRAINS AS DESIGNED OR IS DAMAGED.
4. SEDIMENT WILL BE REMOVED FROM THE SEDIMENT BASIN WHEN THE DESIGN STORAGE CAPACITY HAS BEEN HALF FILLED WITH SEDIMENT. ROOK WILL BE CLEANED OR REPLACED WHEN THE SEDIMENT DEPTH IS LONGER THAN THE DEPTH OF THE ROOK. IF THE ROOK IS DISLODGED, BAFFLES WILL BE REPAIRED OR REPLACED IF THEY COLLAPSE, TEAR, DECOMPOSE OR BECOME INEFFECTIVE. THEY WILL BE REPLACED PROMPTLY. WHEN THE SEDIMENT BASIN IS FULL, THE SEDIMENT DEPOSITS REACH HALF THE HEIGHT OF THE FIRST BAFFLE. FLOATING SKIMMERS WILL BE INSPECTED WEEKLY AND WILL BE KEPT CLEAN.
5. ALL SEEDED AREAS WILL BE FERTILIZED, RESEED AS NECESSARY AND MAINTAINED ACCORDING TO THE PROJECT'S VEGETATION PLAN TO MAINTAIN A VIGOROUS, DENSE, VEGETATIVE COVER. FLOCCULANTS WILL BE USED TO ADDRESS TURBIDITY ISSUES. THE PUMPS, TANKS, FILTERS AND OTHER SYSTEMS WILL BE CHECKED FOR PROBLEMS OR TURBID DISCHARGES DAILY.

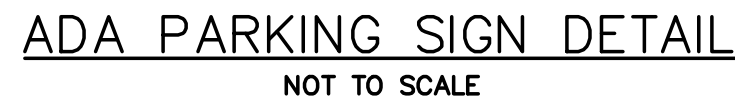
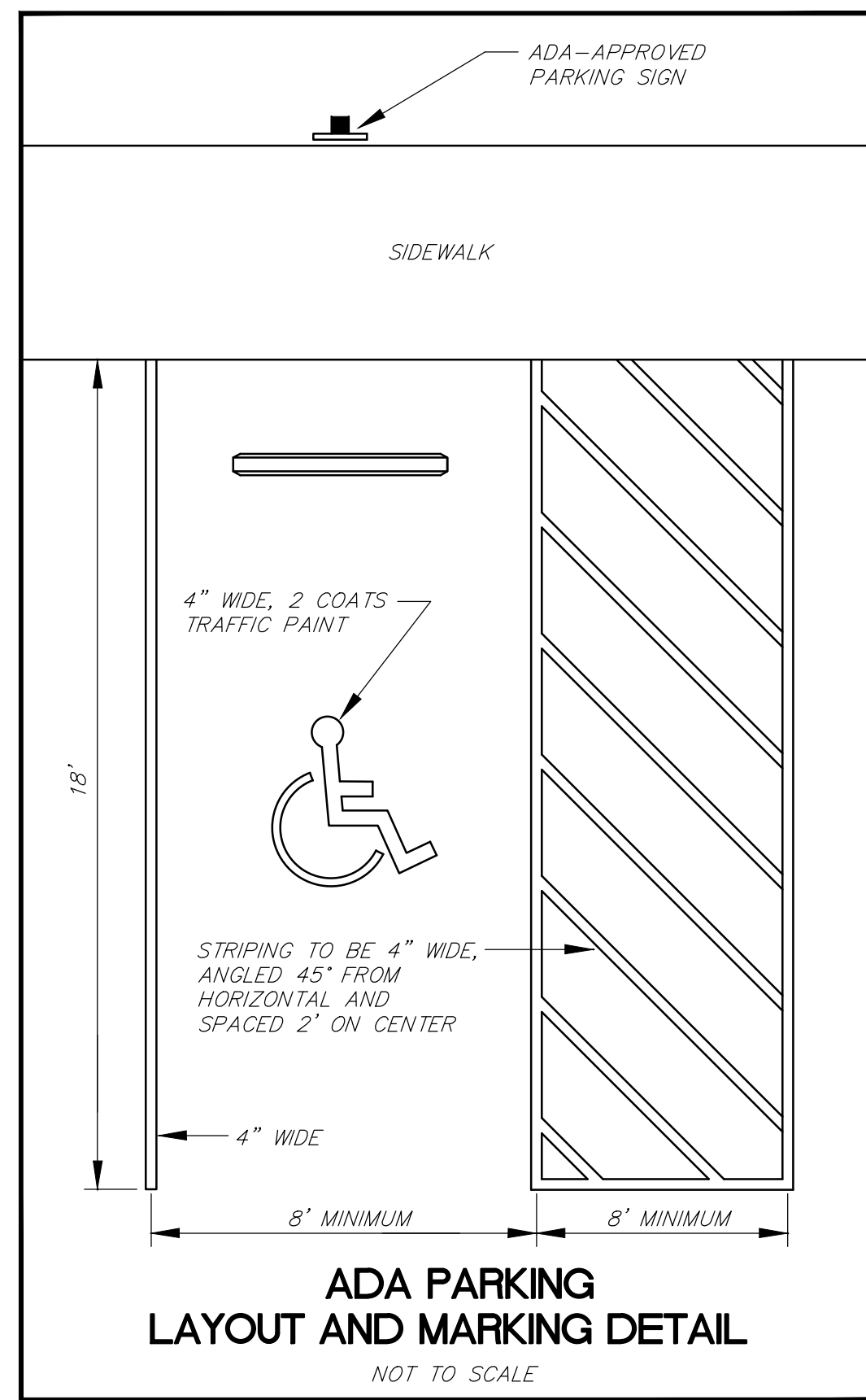
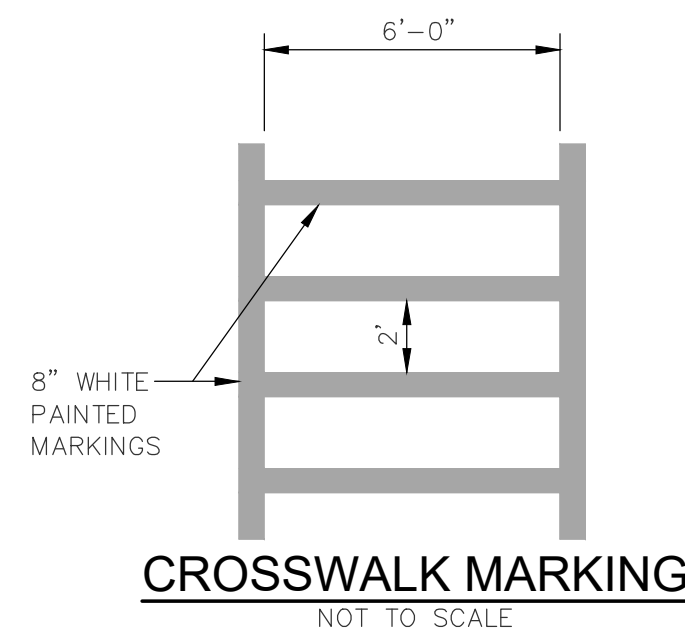
1. CONTRACTOR SHALL CONTACT THE N.C. ONE CALL CENTER TO LOCATE EXISTING UTILITIES AT THE SITE PRIOR TO ANY LAND DISTURBING ACTIVITY.
2. CONTRACTOR SOLELY RESPONSIBLE FOR COORDINATION WITH EXISTING UTILITIES AND ANY DAMAGE THAT OCCURS. ALL TREES TO BE REMOVED MUST BE PROPERLY PROTECTED THROUGHOUT CONSTRUCTION.
3. NO WETLANDS EXIST WITHIN THE PROJECT SITE.
- 4.
5. TOPOGRAPHIC AND LOCATION INFORMATION SHOWN BASED SITE SURVEY BY MCKIM&CREED.

1. WHEEL STOPS SHALL BE REQUIRED 2.5 FEET FROM THE END OF PARKING STALL WHEN USING EIGHTEEN FEET DEEP STALLS.
2. ALL PARKING STALL MARKINGS AND LANE ARROWS SHALL BE WHITE.
3. ALL OTHER PAVEMENT MARKINGS, SIGNS OR OTHER TRAFFIC CONTROL DEVICES SHALL CONFORM TO THE LATEST EDITION OF THE MANUAL OF STYLE AND PRACTICE OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD).
4. NO OBSTRUCTIONS WILL BE ALLOWED ADJACENT TO A PARKING STALL WHICH WOULD PREVENT SAFE INGRESS AND EGRESS FROM A PARKED VEHICLE.

1. OBTAIN PLAN APPROVAL AND OTHER APPLICABLE PERMITS.
2. HOLD PRE-CONSTRUCTION MEETING AT LEAST ONE WEEK PRIOR TO BEGINNING CONSTRUCTION.
3. INSTALL EROSION CONTROL MEASURES AT CONSTRUCTION ENTRANCE/EXIT AND ALL EXPOSED SLOPES.
4. BEFORE CLEARING AND GRADING OF SITE, INSTALL SILT SEDIMENT AT THE BASE OF SLOPES TO RESTRICT MOVEMENT OF SEDIMENT FROM THE SITE.
5. BEGIN CLEARING AND GRADING OF THE SITE. INSTALL AND STABILIZE INFILTRATION AREAS.
6. INSTALL STORM PIPING, CATCH BASINS AND CURB INLETS.
7. INSTALL INLET PROTECTION FOR CATCH BASINS AND CURB INLETS TO PREVENT LOSS OF SEDIMENT FROM THE SITE.
8. ALL EROSION AND SEDIMENT CONTROL PRACTICES WILL BE INSPECTED BI-WEEKLY AND AFTER EACH RAINFALL EVENT. ANY NECESSARY REPAIRS SHOULD BE MADE IMMEDIATELY.
9. AFTER THE ENTIRE COVERED AREA HAS BEEN COMPLETED, ALL TEMPORARY MEASURES WILL BE REMOVED AND PERMANENT VEGETATIVE BARRIERS SHOULD BE COMPLETED.
10. FLUSH ALL PIPING AND ACCUMULATED SEDIMENT.
11. CLEAN INFILTRATION AREAS AND EXCAVATE TO FINAL DESIGN ELEVATION. ESTABLISH PERMANENT VEGETATION IN BASIN.





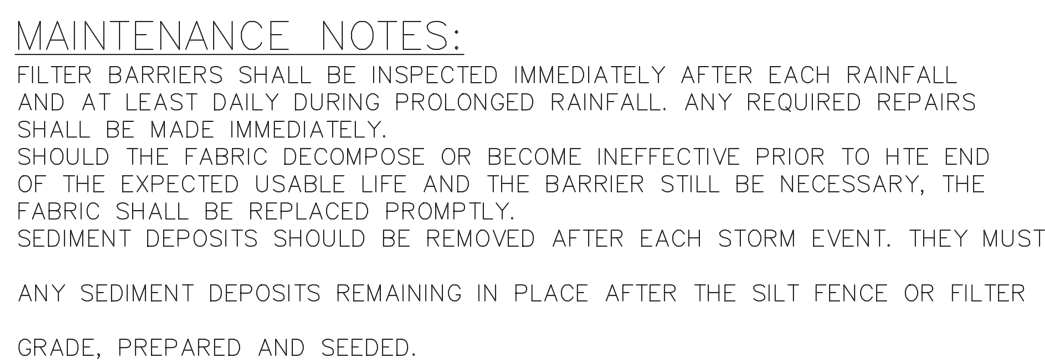
1. BACKFILL SHALL BE SUITABLE MATERIAL THAT IS FREE FROM HEAVY CLAY, GUMBO, DEBRIS, ORGANICS AND LITTLE TO NO EXCESSIVE MOISTURE.
2. SLOPE CUTS SHALL BE SUBSTITUTED WHERE REQUIRED, BY CITY TO ACHIEVE COMPACTION, (E.G. 5% CRUSHED, UNWEATHERED, CLEAN, AND, FLOWABLE FILT, ETC.)
3. 8" INCH OF ABC BASE MATERIAL SHALL BE COMPACTED ON CITY STREETS.
4. BACKFILL AND BASE MATERIALS SHALL BE COMPACTED 12" MINIMUM FILTS.
5. SOILS WITH A PLASTICITY INDEX (PI) OF 15 OR GREATER (CLAY JACK), HOWEVER, VIBRATORY ROLLERS > 18" WIDTH MAY BE USED FOR LARGER EXCAVATIONS. THE PLATE TAMP METHOD SHALL NOT BE USED.
6. ALL EXCAVATIONS SHALL BE SET FLUSH TO GRADE AND SUPPORTED IF APPLICABLE.
7. ABC BASE AND SUBBASE COMPACTION TO 98% AND BACKFILL AND EMBEDMENT COMPACTION TO 90% AS DETERMINED BY THE MODIFIED PROCTOR AASHTO METHOD T-99.
8. FOR ALL EXCAVATIONS, BACKFILL SHALL BE PREPARED ON UNDISTURBED SOIL. MINIMUM ASPHALT DENSITY IS 90%.

[illegible]

| <u>Approved Construction Plan</u> | |
|-----------------------------------|-------------|
| <u>Name</u> | <u>Date</u> |
| Planning _____ | |
| Traffic _____ | |
| Fire _____ | |

1. JOINT MATERIAL TO COMPLY WITH CURRENT NCDOT STANDARDS.
2. SANITARY SEWER CLEAN-OUTS, WATER METERS, MANHOLES AND VALVE LIDS TO BE LOCATED OUTSIDE SIDEWALK WHERE FEASIBLE.
3. MINIMUM SIDEWALK WIDTH TO BE 6' IF PLACED AT BACK OF CURB.
4. CONCRETE FOR ALL SIDEWALKS (EXCEPT ANY PORTION CONTAINED WITHIN A DRIVEWAY APRON) SHALL BE CLASS "A" - 3,000 PSI
5. MINIMUM REPLACEMENT FOR REPAIRS IS 4' x 5' x 5" PANEL.
6. MINIMUM DEPTH FOR TUNNELING BELOW SIDEWALK IS 12".
7. GROUND SURFACE TO BE MAINTAINED AT LEAST 2'-1"
8. MIN. GRADE FOR PROPER DRAINAGE IS 1% IN AT LEAST 1 DIRECTION.
9. MAX. CROSS SLOPE IS 2% MAX. LONGITUDINAL SLOPE IS 8.3% 10% IF LIMITED BY EXISTING CONDITIONS, OR NO GREATER THAN THE SLOPE OF THE EXISTING ADJACENT ROAD.

| | | |
|---|-------------|---|
| <h1 style="margin: 0;">614 PEACOCK LANE</h1> <h1 style="margin: 0;">INDIE ICE HOUSE LOFTS</h1> | | DATE: 11-13-19 |
| WILMINGTON | NEW HANOVER | NORTH CAROLINA |
| <div style="border: 1px solid black; width: 100px; height: 100px; margin: 0 auto; display: flex; align-items: center; justify-content: center;"> <div style="text-align: center;">  <p>SEAL PE 023917 ENGINEER</p> </div> </div> | | Scale: SHOWN |
| <div style="border: 1px solid black; width: 100%; height: 100%; display: flex; align-items: center; justify-content: center;"> <h2 style="margin: 0;">DETAILS</h2> </div> | | Drawn: NNC |
| <div style="border: 1px solid black; width: 100%; height: 100%; display: flex; align-items: center; justify-content: center;"> <div style="text-align: center;">  <p>RIGHT ANGLE ENGINEERING, P.C.</p> </div> </div> | | Checked: WSL |
| <div style="border: 1px solid black; width: 100%; height: 100%; display: flex; align-items: center; justify-content: center;"> <div style="text-align: center;"> <p>212 PRINCESS STREET WILMINGTON, NC 28401 (910) 251-8544 FAX (910) 251-2208</p> </div> </div> | | Project No: UB0119 |
| <div style="border: 1px solid black; width: 100%; height: 100%; display: flex; align-items: center; justify-content: center;"> <p> 412 PRINCESS STREET WILMINGTON, NC 28401 (910) 251-8544 FAX (910) 251-2208 </p> </div> | | Sheet No: <div style="font-size: 2em; font-weight: bold; margin-top: 10px;">D1</div> |



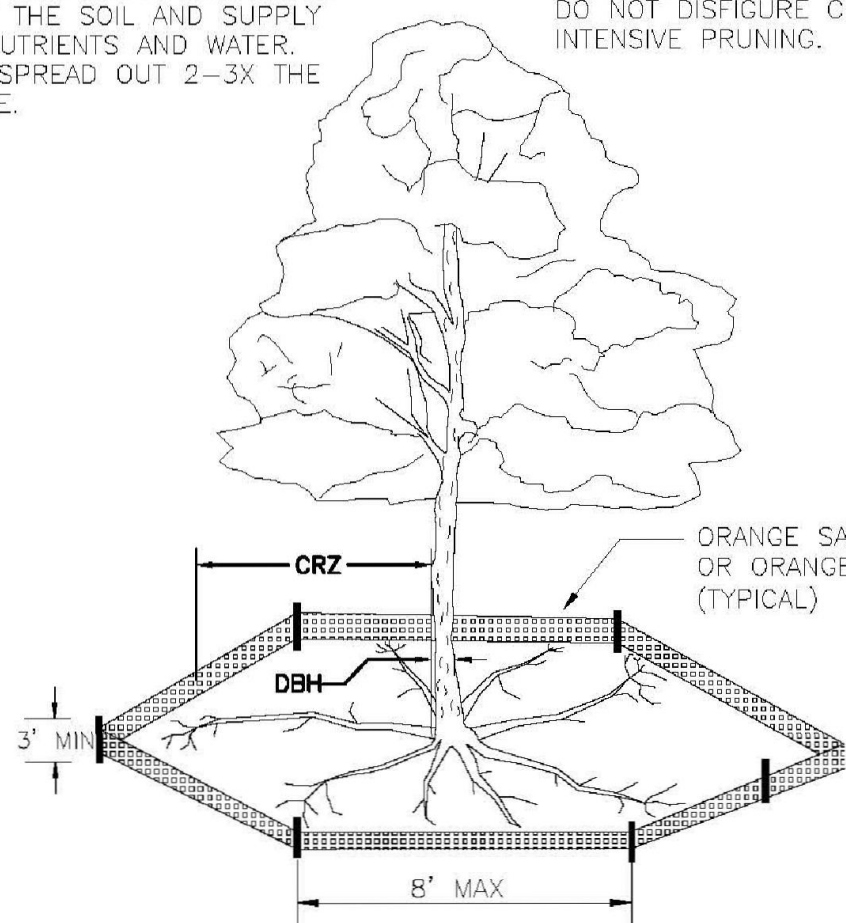
NOT TO SCALE



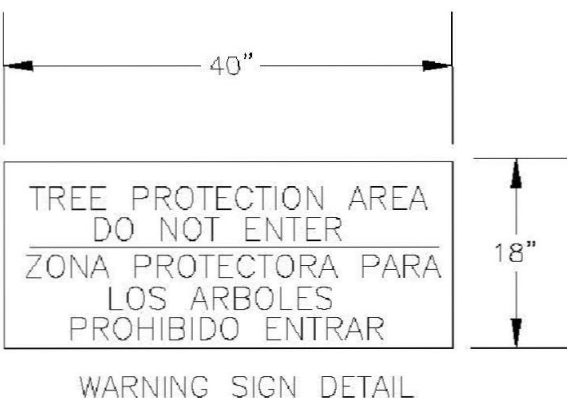
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NOT TO SCALE



1. PROTECT CRITICAL ROOT ZONE (CRZ) OF TREES PRIOR TO CONSTRUCTION. CLEARLY MARK THE TREES AND ERECT A PROTECTIVE BARRIER AT THE CRZ. BARRIER SHALL BE MAINTAINED UNTIL CONSTRUCTION IS COMPLETE.
2. CRZ RADIUS IS 1 FT PER INCH OF TREE DIAMETER AT BREAST HEIGHT (DBH).
3. IF CONSTRUCTION OCCURS WITHIN THE CRZ, AT LEAST 12" OF MULCH AND/OR LOGGING MATS MUST BE PLACED WHERE MACHINERY MANEUVERS TO REDUCE SOIL COMPACTION IN THIS ZONE.
4. WHERE SIDEWALKS AND PATHWAYS PASS WITHIN CRZ, EXTRA CARE SHALL BE TAKEN TO AVOID DAMAGE TO THE ROOTS. ALTERNATE CONSTRUCTION METHODS, SUCH AS A REINFORCED SIDEWALK, SHALL BE IMPLEMENTED AS NECESSARY.
5. FOR ALL TREES, CUTTING OF LARGE STRUCTURAL ROOTS LOCATED NEAR THE BASE OF THE TRUNK SHALL BE PROHIBITED. TO MINIMIZE IMPACTS ON SENSITIVE TREES, NO VEHICLE SHALL BE ALLOWED TO PARK UNDER TREES. NO MATERIALS OR EQUIPMENT SHALL BE STORED BENEATH TREES. DAMAGING THE BARK WITH LAWNMOWERS, CONSTRUCTION EQUIPMENT, OR ANYTHING ELSE IS PROHIBITED. CONTRACTOR SHALL REPAIR DAMAGE TO TREES.
6. FAILING TO INSTALL OR MAINTAIN PROTECTION MEASURES SHALL RESULT IN A STOP WORK ORDER AND A FINE OF \$500/DAY, OR RESTITUTION OTHER THAN THAT ALLOWED ON THE APPROVED PLAN TO BE GIVEN OWNER TO POST A LETTER OF CREDIT FOR 3 YRS. FOR TREE MITIGATION.



NOT TO SCALE

| GRASS TYPE | AMOUNT/1000 SF | TIME OF SEEDING | INITIAL | FERTILIZATION/1000 SF MAINTENANCE | | |
|------------------|----------------|-----------------|-----------------|-----------------------------------|-----|-----|
| RYE GRAIN | 1-2 LBS | NOV. THRU JAN. | 25 LBS 10-10-10 | N/A | N/A | N/A |
| BROWN TOP MILLET | 1-2 LBS | JUNE THRU AUG. | 25 LBS 10-10-10 | N/A | N/A | N/A |

| GRASS TYPE | AMOUNT/1000 SF | TIME OF SEEDING | INITIAL | FERTILIZATION/1000 SF MAINTENANCE | | |
|-------------------------------|----------------|-------------------------------|-----------------|-----------------------------------|------------------------------|-------------------------------|
| BERMUDA, COMMON | 1-2 LBS | APR. THRU JUNE | 25 LBS 10-10-10 | MARCH-APRIL 12 LBS 10-10-10 | EACH 4-8 WKS 1-2 LBS N. | AUG- SEPT 12 LBS 10-10-10 |
| FESCUE, TALL (KENTUCKY 31) | 5-7 LBS | SEPT THRU OCT FEB THRU OCT | 25 LBS 10-10-10 | FEB - MARCH 12 LBS 10-10-10 | MAY & DEC 1/2 TO 1 LB. N. | SEPT - OCT 12 LBS 10-10-10 |
| SERICEA LESPEDEZA (SLOPES) | 1-2 LBS | MARCH THRU APR. | 25 LBS 10-10-10 | FEB - MARCH | 1/2 TO 1 LB. N. | N/A |



NOT TO SCALE



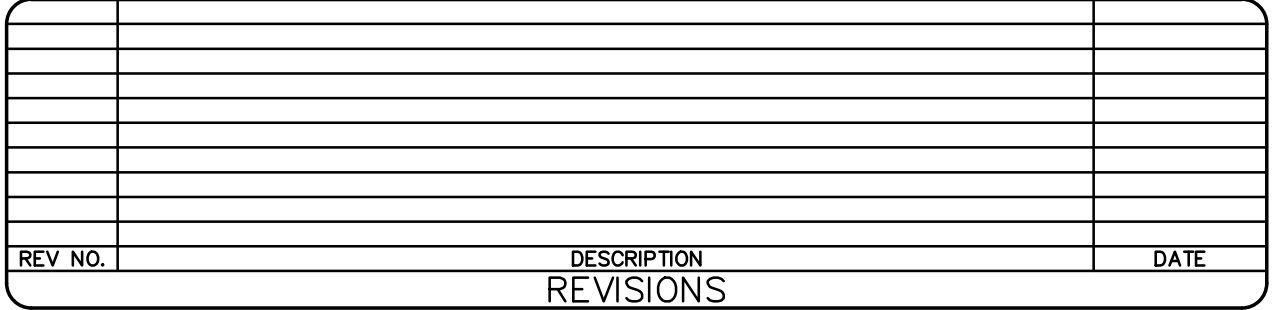
SCALE: 1"=10'

[illegible]

| <u>Approved Construction Plan</u> | |
|-----------------------------------|-------------|
| <u>Name</u> | <u>Date</u> |
| Planning _____ | |
| Traffic _____ | |
| Fire _____ | |

RIGHT ANGLE
ENGINEERING, P.C.
212 PRINCESS STREET
WILMINGTON, NC 28401
(910) 251-8544 FAX (910) 251-2208 FIRM: C-0829

| | |
|-------------|----------|
| DATE: | 11-13-19 |
| Scale: | SHOWN |
| Drawn: | NNC |
| Checked: | WSL |
| Project No: | UB0119 |
| Sheet No: | D2 |



1. CANOPY TREES TO BE 2" TO 2-1/2" CALIPER AT PLANTING.
2. UNDERSTORY TREES TO BE MINIMUM 8' TALL AT PLANTING.
3. SHRUBS IN BUFFER AREA TO MINIMUM 3' TALL AT TIME OF PLANTING, BUFFER SPACING: 6' O.C.
4. OTHERWISE, SHRUBS TO BE MINIMUM 12" TALL AT PLANTING.
5. SHRUBS WITHIN SIGHT TRIANGLE TO BE MAINTAINED LESS THAN 30" TALL
6. LIMB OAKS AS NECESSARY TO MAINTAIN VISION CLEARANCE BETWEEN 30" AND 10' WITHIN SIGHT TRIANGLE

